

# **WORK SHEET**

## Module 17 Physiological Effects of Alcohol on Driving

Name	Date
Score	

3core								
MALE	HOW MANY DRINKS (LIGHT BEER)*							
Weight	BAC	Ounces	BAC	Ounces	BAC	Ounces		
200	0.03	22 oz.	0.05	37 oz.	0.07	52 oz.		
190	0.03	21 oz.	0.05	34 oz.	0.07	50 oz.		
180	0.03	20 oz.	0.05	33 oz.	0.07	46 oz.		
170	0.03	19 oz.	0.05	32 oz.	0.07	44 oz.		
160	0.03	18 oz.	0.05	30 oz.	0.07	41 oz.		
150	0.03	17 oz.	0.05	29 oz.	0.07	39 oz.		
140	0.03	16 oz.	0.05	27 oz.	0.07	37 oz.		
130	0.03	15 oz.	0.05	25 oz.	0.07	34 oz.		
120	0.03	14 oz.	0.05	22 oz.	0.07	32 oz.		
110	0.03	13 oz.	0.05	21 oz.	0.07	29 oz.		
100	0.03	11 oz.	0.05	20 oz.	0.07	28 oz.		
90	0.03	10 oz.	0.05	18 oz.	0.07	26 oz.		
80	0.03	8 oz.	0.05	17 oz.	0.07	23 oz.		
70	0.03	6 oz.	0.05	15 oz.	0.07	19 oz.		
55	0.03	4 oz.	0.05	12 oz.	0.07	17 oz.		

FEMALE HOW MANY DRINKS (LIGHT BEER)*							
Weight	BAC	Ounces	BAC	Ounces	BAC	Ounces	
255	0.03	22 oz.	0.05	37 oz.	0.07	52 oz.	
230	0.03	21 oz.	0.05	34 oz.	0.07	50 oz.	
220	0.03	20 oz.	0.05	33 oz.	0.07	46 oz.	
210	0.03	19 oz.	0.05	32 oz.	0.07	44 oz.	
200	0.03	18 oz.	0.05	30 oz.	0.07	41 oz.	
195	0.03	17 oz.	0.05	29 oz.	0.07	39 oz.	
180	0.03	16 oz.	0.05	27 oz.	0.07	37 oz.	
170	0.03	15 oz.	0.05	25 oz.	0.07	34 oz.	
160	0.03	14 oz.	0.05	22 oz.	0.07	32 oz.	
150	0.03	13 oz.	0.05	21 oz.	0.07	29 oz.	
130	0.03	11 oz.	0.05	20 oz.	0.07	28 oz.	
120	0.03	10 oz.	0.05	18 oz.	0.07	26 oz.	
110	0.03	8 oz.	0.05	17 oz.	0.07	23 oz.	
90	0.03	6 oz.	0.05	15 oz.	0.07	19 oz.	
80	0.03	4 oz.	0.05	12 oz.	0.07	17 oz.	

\*Basic Assumption: 12 oz of Light Beer = 1 oz of 86 proof

#### **STEP ONE**

	List your body weight to the nearest 10 pounds: Are you male female
2.	If it was legal for you to consume beer, how many light beers could you consume to reach a level of 0.03 percent?
	Number of Light Beers @ 12 oz. = Number of Light Beers @ 16 oz. =
3.	If your parents allowed you to consume beer, how many light b3eers could you consume to reach a level of 0.05 percent?
	Number of Light Beers @ 12 oz. = Number of Light Beers @ 16 oz. =

4. If your parents allowed you to consume beer, how many light beers could you consume to reach a level of 0.07 percent?

Number of Light Beers @ 12 oz. = \_\_\_\_\_ Number of Light Beers @ 16 oz. = \_\_\_\_\_

#### **STEP TWO**

### Complete Part A and Part B

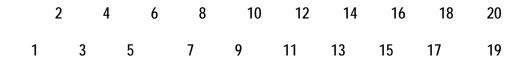
Complete this activity under the supervision of a teacher or a classmate. Draw a line to connect as many numbers in part A as you can in *ten seconds*. Ask your partner to time you. Numbers should be connected in numerical order.

#### Part A

	2	4		6	8	10	12	14	16	18	20
1	3		5		7	9	11	13	15	17	19

Have a classmate spin you around 15-20 times. Then draw a line to connect as many numbers in Part B as you can in ten seconds. Again ask your partner to time you.

#### Part B



The dizziness you felt in Part B is similar to the way people feel when they have a few drinks. Think about what you have learned from this experiment.

- 1. How did you feel when you were trying to connect the numbers in Part A?
- 2. How did you feel when you were trying to connect the numbers in Part B?
- 3. What would it be like to ride a bicycle feeling the way you felt in Part B?